

### **Listing and Amendments to the Claims**

This listing of claims will replace all previous versions and listings of claims in this application:

1. (Currently Amended) A computer-implemented method for retrieving a file system of a recording medium, the file system indicating the physical position of the content on the recording medium, ~~including the steps of~~ the method comprising:

- determining a signature of the recording medium by measuring features based on a data pattern stored on the recording medium, the signature including a plurality of elements;
- comparing the signature with a plurality of signatures stored in a content database; and
- retrieving the associated file system indicating the physical position of the content on the recording medium from the content database if the signature is equal to a signature stored in the content database.

2. (Currently Amended) ~~Method~~ The method according to claim 1, wherein the ~~step of~~ comparing the signature with a plurality of signatures stored in a content database includes evaluating the distances between the determined signature and the signatures stored in the content database.

3. (Currently Amended) ~~Method~~ The method according to claim 1, wherein the ~~steps of~~ determining the signature of the recording medium and comparing the signature with a plurality of signatures include:

- determining a first part of the signature including a plurality of elements;
- comparing the first part of the signature with corresponding parts of the plurality of signatures stored in the content database;

- determining a further part of the signature if the first part of the signature is equal to the corresponding part of at least one signature stored in the content database; and

- comparing the further part of the signature with corresponding parts of the plurality of signatures stored in the content database.

4. (Currently Amended) ~~Method~~ The method according to claim 1, wherein, in the comparing the signature with a plurality of signatures stored in a content database steps, a negative progressive search approach is employed, in which the elements of the determined signature are compared with the corresponding elements of the signatures stored in the content database one at a time, wherein every element of the signature may yield a negative search result.

5. (Currently Amended) ~~Method~~ The method according to claim 1, further ~~including the steps of~~ comprising:

- obtaining the file system from the recording medium if the determined signature is not equal to a signature stored in the content database; and

- storing the obtained file system and the determined signature in the content database.

6. (Currently Amended) ~~Method~~ The method according to claim 1, wherein the signature is unique for every recording medium.

7. (Currently Amended) ~~Method~~ The method according to claim 1, wherein the signature elements are selected from ~~the~~ disk status such as open or closed disk, number of sessions or number of tracks in each session, from timing information such as the lead-in time of each session, the lead-out time of each session, ~~the~~ total time of

each session or subcode information of each track, or from data integrity such as data checksums of specific tracks.

8. (Currently Amended) ~~Apparatus~~ An apparatus for reading from and/or writing to ~~a recording media~~ a medium, wherein the apparatus includes at least one element adapted for retrieving a file system of the recording medium, the file system indicating the physical position of the content on the recording medium, by performing:

determining a signature of the recording medium by measuring features based on a data pattern stored on the recording medium, the signature including a plurality of elements;

comparing the signature with a plurality of signatures stored in a content database; and

retrieving the associated file system indicating the physical position of the content on the recording medium from the content database if the signature is equal to a signature stored in the content database.

9. (Currently Amended) ~~Apparatus~~ The apparatus according to claim 8, wherein the apparatus is adapted to perform the retrieval of the file system of the recording medium after an occurrence of a condition selected from ~~the~~ a group consisting of insertion of the recording medium, transferral of the recording medium into a playback position, and wake up from a power down mode.